Recombinant Human Fibronectin

Catalog Number: OM643752

Characteristics:

Source	*E.coli*
Description	Human Fibronectin Fragment Accession # P02751
Predicted molecular mass	62.6 kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is 35.0-420 ng/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	50 μg/vial, 1 mg/vial

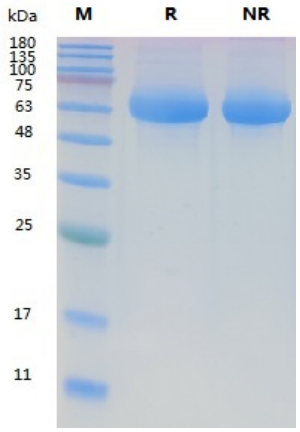
Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice.
Storage & Stability	36 months at 2°C to 8°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

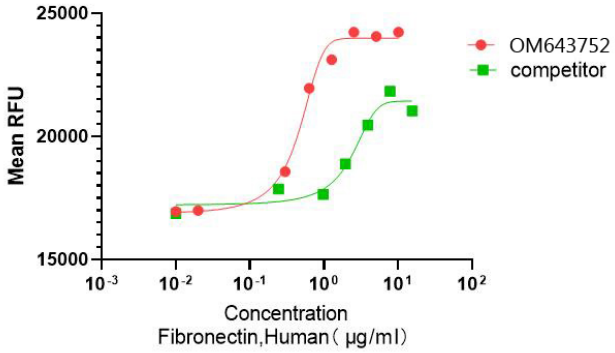
Data:

SDS-PAGE



Recombinant Human Fibronectin (Cat. No. OM643752) SDS-PAGE under reducing (R) & Non-reducing conditions. The gel was stained with OM643752 SDS-PAGE.

Bioactivity



Recombinant Human Fibronectin (Cat. No. OM643752) stimulates adhesion of NIH3T3 cells. The ED_{50} for this effect is 35.0-420 ng/mL The activity of OM643752 was higher than other competing products.

SEC-HPLC

